

Results of Tests on brick Conducted in accordance with C67/C67M - 23a Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

02/16/2024

Name:	Palmetto Brick Company P. O. Box 430 Cheraw, SC 29520-0430	Plant:	Palmetto Brick Company
Phone:	843-320-1137	Sampled Date:	1/31/2024
Fax:	843-537-4802	Received Date:	1/31/2024
Report Number:	12439-30858	Fired Date:	1/31/2024
		Product Code:	
		Lot Number:	
Description: Rose Body			

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	6.1	6.1	6.0	6.1	6.0	6.1	2/7/2024
5 Hour Boiling Water (%)	7.9	7.8	7.7	7.9	7.8	7.8	
Saturation Coefficient	0.78	0.77	0.78	0.77	0.77	0.77	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	13,460	11,170	14,590	13,110	12,000	12,870	2/8/2024

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	17.2	17.4	17.1	17.2	17.7	17.3	2/6/2024

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	2/15/2024

Void Area	1	2	3	4	5	6	7	8	9	10	Average	Test Date
Void Area (%)	24	24	24	24	24	24	25	24	24	24	24	2/6/2024

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C216 - 23 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW

Katherine Hill
Katherine Hill, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH
The results shown above apply only to the samples tested, which are provided by the customer.
This test report shall not be reproduced except in full, without written approval of the laboratory.*